

June 30, 1987

TO: File

FROM: Frank Jensen, Soils Reclamation Specialist *Frank Jensen*

RE: ACT/041/008 United States Gypsum Co., Jensen Quarry, Sigurd

On May 18, 1987 I worked with Jim Jennings, Quarry Superintendent on reclamation matters concerning the Jensen Quarry. I also worked with him on completing the MR-1 form.

I recommended the following seed mixture:

Rabbitbrush (white stem)	3
Big Sagebrush	3
Shadscale	3
Fourwing Saltbush	3
Indian Ricegrass	4
Crested Wheatgrass	4
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	20 lbs./Acre

Topsoils

Need to get 1-2 feet of suitable topsoil material back on the areas to be reseeded - where possible. May have to haul in some borrow area soil on some areas.

Seedbed Preparation

Rip on disc soil approximately 6" so it is loose.

Seeding

If drill can't be used - broadcast seed, then harrow or rake in seed 1/4" - 1/2". (Late fall is preferred time to seed.)

Fertilization

Suggested broadcast fertilization 200 lbs./acre of diammonium phosphate 18-46-0 at time of seeding.

Photographs

Photographs of the site are on the following pages:

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Jim Jennings on a test plot area of the Jensen Quarry
Fourwing Saltbush was doing well.



Photo showing the steeper portions of the Jensen Quarry area.
Vegetation ground cover is only about five percent. Dominant
vegetation is Utah juniper, birchleaf mt. mahogany and
cliffrose.

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Photo showing some of the more gentle slopes of the Jensen Quarry where vegetative ground cover is approximately ten percent. Vegetation includes rabbitbrush, big sagebrush, black sagebrush, winterfat, Indian ricegrass and Utah juniper.



Photo of a mined area of the Jensen Quarry. It is suggested that some topsoil material be put on these types of areas before reseeding.

clj
cc: Jim Jennings, U.S. Gypsum
1212R/34